

SECTION 5.02 TEMPORARY CROSSINGS

5.02.01--Description: Temporary crossings shall be built by the Contractor wherever required in order to keep the road open to traffic during the construction of bridges or culverts or for other reasons as may be indicated on the plans or directed by the Engineer. They shall be built in such locations as may be indicated or directed and shall consist of temporary structures connected with existing public roads by suitable approaches so that the whole may be readily and safely used by the traveling public. Structures and approaches shall be built of suitable materials, to the satisfaction of the Engineer and in accordance with these specifications.

5.02.02--Materials: Materials for this work shall be of satisfactory quality for the purposes intended and shall be approved by the Engineer. Timber, steel or other material intended for use in structures shall be reasonably sound and capable of safely carrying the specified loads.

5.02.03--Construction Methods : Unless specific instructions to the contrary are given, temporary structures shall be designed to carry safely H-15 live loading, as described in the AASHTO Standard Specifications for Highway Bridges. The clear width of roadway shall be not less than 7.4 m, and each side of the roadway shall be furnished with a substantial curb and railing. Pedestrian walkway or walkways with adequate handrail and of the width specified shall be provided when required by the special provisions.

Plans for all temporary structures shall be submitted to the Engineer, and their construction shall not be started until his approval has been obtained.

Approval of plans or methods proposed for such construction shall not serve to relieve the Contractor of any of his responsibility for the successful completion of the construction.

Should any temporary structure or its approaches be located, wholly or in part, beyond the limits of the highway, the Department will make all arrangements for the temporary occupation of the property required at no expense to the Contractor.

Structures shall be substantially built in a good and workmanlike manner, using a sufficient number of bolts, nails, and other fastenings to properly hold the various parts in their correct positions.

Approaches shall be built of selected material that will sustain traffic without rutting. They shall be graded reasonably smooth and properly drained so that they may be used without undue inconvenience. Substantial guide railing shall be built on the approaches if required by the Engineer.

After completion, the Contractor shall maintain the temporary structures and approaches by renewing and repairing any places which may have become worn or damaged. He shall provide such lights except for floodlights and traffic control signals, as the Engineer may require for the guidance and safety of traffic; and he shall keep the structures in a suitable condition for the use of traffic at all times until the permanent construction is completed and open to traffic.

Upon completion and opening to traffic of the permanent construction, he shall remove and dispose of the temporary structures, regrade and restore the area as nearly as possible to its original condition or elevation, or both, as may be shown on the plans, and leave the whole in a neat condition satisfactory to the Engineer. If topsoil or turf is to be reestablished, it will be paid for under the appropriate contract item, or in the absence of such items as extra work, or be accomplished by others at no cost to the Contractor.

5.02.04--Method of Measurement: This item will be paid for on a lump sum basis which will include the structure and the approaches to the point where they are connected to the public road or the limits as shown on the plans.

5.02.05--Basis of Payment: This work will be paid for at the contract lump sum price for "Temporary Crossing," at the location indicated, complete in place, which price shall include all materials, tools, equipment

and labor incidental thereto, also all necessary approaches, unless otherwise noted on the plans or in the special provisions, maintenance of the structure and approaches, removal of the structure and approaches and cleaning up of the site upon completion of the work.

Pay Item
Temporary Crossing

Pay Unit
L.S.